

CLAIMS

What I claim as my invention is -

1. (currently amended): A process of combining services to build a wireless mobile
5 communication service by means of a graphical user interface (GUI), wherein a built wireless
mobile communication service, termed herein compound wireless mobile communication service
(CWS), consists of component services and a compiled said CWS is enacted as a sequence of the
said combined services by a mobile station (MS) or executed by a mechanism used to
10 communicate to said MS, whereby the following building steps comprise a unique and a novel
software process to build a said CWS:

a) A builder selects a component service from a menu and drags an image (icon) of
the selected said component service to a build area of a computer screen used for building a said
CWS;

b) After the builder locates the said component service icon in the said build area for
15 building a said CWS, for those component services having parameters, a compiler displays a
window containing the said component service's parameter names and default values for these
parameters;

c) The said CWS builder is now permitted by the said compiler to substitute new
parameter names and to change default parameter values to represent initial condition values for
20 the parameters when the said compiled CWS begins its execution;

d) After completion of the preceding step, the said compiler's window disappears
and a graphical icon representation of the said component service remains containing the said
CWS builder's decided parameter names, along with a window of the said CWS builder's
decided parameters' initial condition values;

25 e) If the said CWS is to contain another said component service, steps a), b), c), and
d) are iterated such that for more than one said component service, the builder identifies the
sequence of said component service executions by selecting an arrowed line icon from a menu
and dragging the icon line to interconnect a pair of said component services such that the tail of
the arrowed line begins at the antecedent said component service icon and the arrow head
30 terminates on the succeeding said component service icon.

2. (currently amended): The process of claim 1, further comprising a combination of
fundamental wireless mobile communication services (FWS) wherein the said FWS are



elementary component services, representing building block services, that are produced by conventional coding via a suitable software language, and these said FWS are considered by the said method to be single services; meaning that the said FWS represent the bases for all said CWS.

5 3. (currently amended): The process of claim 1, further comprising said component services that themselves are a combination of services built by the process of claim 1, signifying that the process of claim 1 permits a builder to apply recursion of said CWS when building a said CWS.

10 4. (currently amended): The process of claim 1, further comprising said component services that are built from a combination of said fundamental wireless mobile communication services and a combination of said component services.

5. (canceled)

15 6. (currently amended): The process of claim 1, wherein a said CWS may have as its builder one or more of the following independent and disparate parties without the necessity of preliminary negotiations among these parties:

- wireless mobile communication subscribers/users;
- wireless mobile communication service providers;
- wireless mobile communication equipment suppliers/manufacturers;
- computer software suppliers/manufacturers;
- 20 third party applications/services providers.

7. (currently amended): The process of claim 1, wherein the following methods apply:

- a) building said CWS using computer facilities and then compiling and downloading said CWS into said MS;
- b) using said computer facilities to select graphical and/or textual images that
25 represent said component services to build said CWS where said component services are represented by named operational or functional expressions that can contain dependent parameters and/or independent parameters;
- c) using said computer facilities to request "help" to explain and clarify the application and use of a selected graphical and/or textual image.

30 8. (canceled)

9. (currently amended): The improvements of claim 7 wherein further improvements comprise a said MS that contains the said GUI and the said compiler to build said CWS.

10. (currently amended): The processes of claim 2, claim 3, or claim 4 wherein a menu of facility services icons are used for providing one or more of the following operations as component services in compound wireless mobile communication services:

- a) computing arithmetic functions;
- b) assigning values to parameters;
- c) conditioning the execution of said component service on an event determination;
- d) determining if parameters are equal;
- e) determining if parameters are unequal;
- f) pausing the execution of said CWS;
- g) branching on a condition;
- h) displaying a parameter value;
- i) announcing (playing) an audible parameter value (;
- j) invoking said CWS;
- k) evaluating a service constraint.

11. (currently amended): The methods of claim 6 wherein further improvements comprise a menu and compiler to use:

any of the compound wireless mobile communication services made available by a source identified in claim 6 as a said component service to build said CWS.

12. (currently amended): The improvements of claim 10 further comprising a menu of special capabilities that achieve the following -

a) drawing lines with arrowheads that manifests the execution sequence of said component services;

b) entering alphanumeric characters into said geometric elements when building said CWS;

c) drawing geometric elements as rectangles and ellipses when building a said CWS.

13. (Currently amended): The improvements of claim 12 further comprising a menu for:

a) testing a built said CWS for proper performance;

b) assigning an operational or functional expression to a said CWS;

c) recording and storing a voice message as a value to be used in the said facility service that audibly announces comments;

d) adding a said CWS operational or functional expression to the repertoire of said component services for use to build other said CWS;

- e) saving a built said CWS in specified memory location;
 - f) copying a selected group of said component services into a temporary memory;
 - g) undoing changes made while building a said CWS;
 - h) opening a said CWS display of interconnected said component services;
 - 5 i) opening any menu used to build a said CWS;
 - j) selecting line widths of geometric shapes in a displayed said CWS.
14. (canceled)